

Rabbit anti-Human DUSP13-M1 Polyclonal Antibody | anti-DUSP13 antibody

DUSP13-M1 Antibody (N-term)

CATALOG # AAA290414	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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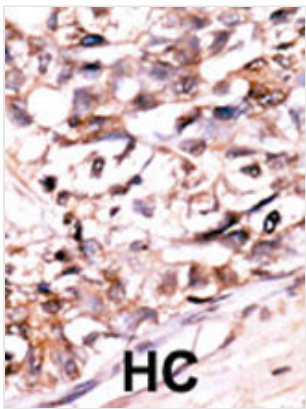
PRODUCT SYNONYMS

DUSP13-M1; Polyclonal Antibody; DUSP13-M1 Antibody (N-term); Dual specificity protein phosphatase 13 isoform B; DUSP13B; Dual specificity phosphatase SKRP4; Testis- and skeletal-muscle-specific DSP; DUSP13; TMDP; anti-DUSP13 antibody

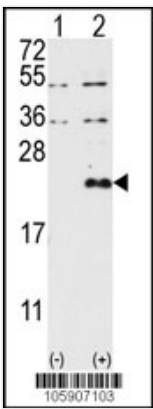
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DUSP13-M1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human DUSP13-M1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	1-30
Sequence Length	188
Applicable Applications for anti-DUSP13 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of DUSP13 (arrow) using DUSP13-M1 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the DUSP13 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-DUSP13 antibody	Dual-specificity phosphatases, a subfamily of protein-tyrosine phosphatases, play important roles in signal transduction, cell cycle progression, and tumor suppression. The cDNA encoding a novel phosphatase, PIR1, phosphatase that interacts with RNA/RNP complex 1. Sequence analysis revealed that the predicted 329-amino acid protein has homology to several dual-specificity phosphatases and contains 2 stretches of arginine-rich sequence similar to those found in some RNA-binding proteins. In vitro, recombinant protein displays protein-tyrosine phosphatase activity and binds directly to RNA.
Product Categories/Family for anti-DUSP13 antibody	Cell Biology; Developmental Biology; Signal Transduction
References	Nakamura K., Shima H., Watanabe M., Haneji T., Kikuchi K.Biochem. J. 344:819-825(1999). Deloukas et al. Nature 429:375-381(2004). Strausberg et al. Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	56237018
NCBI GeneID	51207
NCBI Accession #	NP_057448.3
NCBI GenBank Nucleotide #	NM_016364.3
UniProt Accession #	Q9UII6; Q5JSC6; Q6IAR0; Q96GC2; A8K776; A8K782; B3KPY1; B3KXT0; B4DUK0; Q6B8I1
Molecular Weight	22149
NCBI Official Full Name	dual specificity protein phosphatase 13 isoform 6
NCBI Official Synonym Full Names	dual specificity phosphatase 13
NCBI Official Symbol	DUSP13
NCBI Official Synonym Symbols	BEDP; MDSP; TMDP; SKRP4; DUSP13A; DUSP13B
NCBI Protein Information	dual specificity protein phosphatase 13
UniProt Protein Name	Dual specificity protein phosphatase 13 isoform B
UniProt Gene Name	DUSP13

UniProt Synonym Gene Names	DUSP13B; TMDP; DUSP13B
UniProt Entry Name	DS13B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dusp13-m1-antibody-immunohistochemistry-western-blot-elisa/290414>